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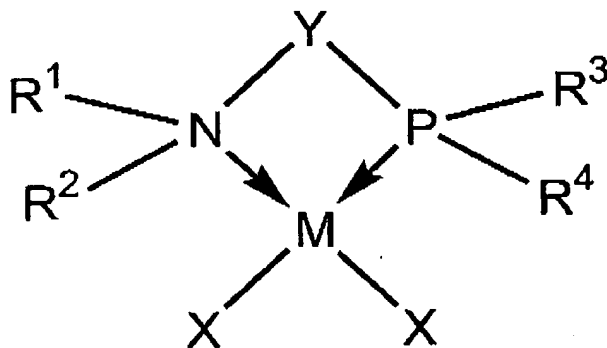
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In the Abstract

Please amend the abstract as follows:

**ABSTRACT OF THE DISCLOSURE**

This invention relates to a A-series of novel late transition metal catalysts for olefin oligomerization, the catalysts demonstrating high activity and selectivity for linear  $\alpha$ -olefins. The catalysts contain a Group-8, -9, or -10 transition metal, M, excluding palladium; an ancillary ligand comprising: a terminal amine comprising two independently selected hydrocarbyl radicals,  $R^1$  and  $R^2$ ; a terminal phosphine comprising two independently selected hydrocarbyl radicals,  $R^3$  and  $R^4$ ; and a hydrocarbyl bridge, Y, comprising a backbone wherein the hydrocarbyl bridge connects between the terminal amine and the terminal phosphine and wherein the backbone comprises a chain that is four or more carbon atoms long; and an abstractable ligand, X. For example this invention relates to a composition of matter with the following formula:



wherein M,  $R^1$ ,  $R^2$ ,  $R^3$ , and  $R^4$ , Y, and X are as defined above.